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02/21/02  
jc921 U.S. PTO

February 21, 2002

ATTORNEY DOCKET NO.: DIVER1530-6

ATTN: BOX PATENT APPLICATION

Commissioner for Patents  
Washington, DC 20231

jc978 U.S. PTO  
10/081739  
02/21/02

Sir:

Transmitted herewith for filing is the new provisional-to-utility patent application of:

APPLICANT: **WALTER CALLEN; TOBY RICHARDSON; GERHARD  
FREY; CARL MILLER; MARTIN KAZAOKA**  
FOR: **ENZYMES HAVING ALPHA AMYLASE ACTIVITY AND  
METHODS OF USE THEREOF**

Enclosed are the following papers, including all those required to receive a filing date under  
37 CFR § 1.53(b):

Number of Pages

Specification	107
Claims	23
Abstract	1
Declaration – unsigned	4
Drawings - informal	14

EXPRESS MAIL Number: **EV 047 297 706 US**  
Date of Deposit: **February 21, 2002**

I hereby certify that this paper is being deposited with the United States  
Postal Service "EXPRESS MAIL Post Office to Addressee" service under  
37 C.F.R. § 1.10 on the date indicated above and is addressed to: BOX  
PATENT APPLICATION, Commissioner for Patents, Washington, D.C.  
20231

**JASON BERRY**

(Name of Individual Depositing with P.O.)

*Jason Berry*  
(Signature of Individual Depositing with P.O.)

SILICON VALLEY SAN DIEGO SAN DIEGO/GOLDEN TRIANGLE SAN FRANCISCO AUSTIN SEATTLE SACRAMENTO LA JOLLA

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104703-194

**GRAY CARY WARE & FREIDENRICH LLP****ATTORNEY DOCKET NO.: DIVER1530-6**

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Enclosure:

- Initial Information Data Sheet (4 pages)
- Return Receipt Postcard

This application claims priority under 35 U.S.C. § 119(e)(1) to U.S. Provisional Application Serial No. 60/270,495, filed February 21, 2001; U.S. Provisional Application Serial No. 60/270,496, filed February 21, 2001 and U.S. Provisional Application Serial No. 60/291,122, filed May 14, 2001, the contents of each of which is incorporated by reference in its entirety herein.

Applicants claim **SMALL entity status** in the above-identified application. Pursuant to 37 C.F.R. § 1.27, a verified statement claiming small entity status is not required.

The filing fee is calculated as follows:

	Number Filed		Number Extra		Rate			Fee	
					Large Entity	Small Entity		Large Entity	Small Entity
Total Claims	-20	=		X	\$18	\$09	=	\$00	\$00
Independent Claims	-3	=		X	\$84	\$42	=	\$00	\$00
Multiple Dependent Claims Presented: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					\$280	\$140		\$00	\$140.00
					BASIC FEE			\$740.00	\$370.00
					TOTAL FEE			\$00	\$00

Please **DEFER** the payment of the **FILING FEE** until the executed Declaration is filed.

**GRAY CARY WARE & FREIDENRICH LLP**

**ATTORNEY DOCKET NO.: DIVER1530-6**

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If this application is found to be INCOMPLETE, or if a telephone conference would otherwise be helpful, please call the undersigned at (858) 677-1456.

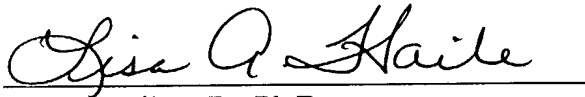
All future correspondence should be addressed to:

**Lisa A. Haile, J.D., Ph.D.**  
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Telephone: (858) 677-1456  
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A copy of this letter is enclosed. Kindly acknowledge receipt of this application by returning the enclosed postcard.

Respectfully submitted,

**GRAY CARY WARE & FREIDENRICH LLP**



Lisa A. Haile, J.D., Ph.D.

Registration No.: 38,347

February 21, 2002

Date

LAH/kdl  
Enclosures